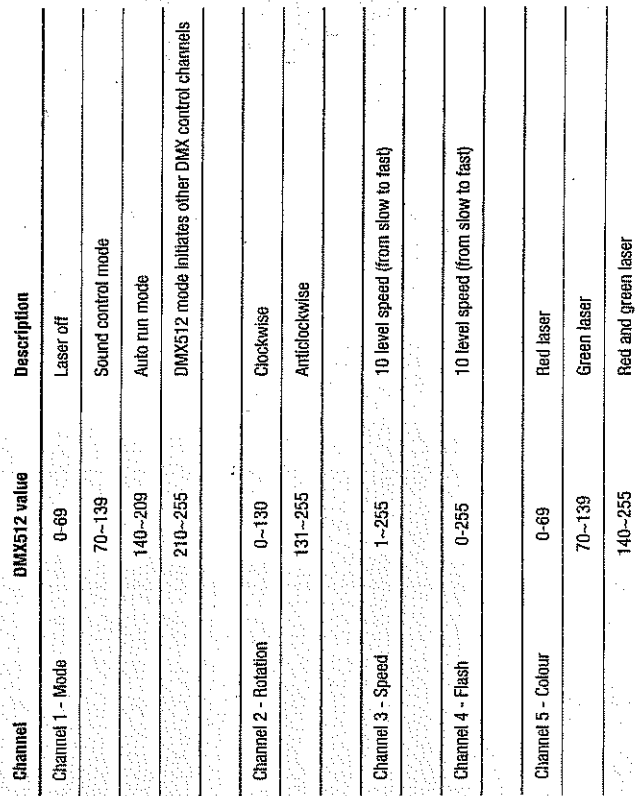


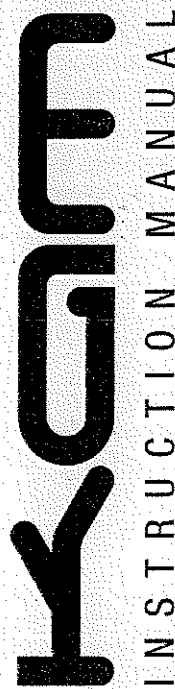
1. Whirlset connected to an international standard DMX512 controller -
2. Set the 10th dip switch to the OFF position.
3. Set the 1st to 9th dip switches as per the laser's original address (Max: 255).
4. The machine has 5 controlling channels, its channels are distributed as listed below.



Link two units together by setting both units to sud and linking via a DMX cable.

www.kam.co.uk

Kam products are manufactured by: Lamba plc, Unit 1, Southfields Road, Dunstable, Bedfordshire, United Kingdom LU8 3EJ  
Telephone: (+44) (0)1582 690500 • Fax: (+44) (0)1582 690400 • Email: [mail@lambaplc.com](mailto:mail@lambaplc.com) • Web: [www.lambaplc.com](http://www.lambaplc.com)



# DMX Star Cluster 3D

The ultimate Star Cluster 3D version of the best selling laser effect  
Multiple 100mW red and 40mW green laser pointers  
Three dimensional laser effect to create endless show creation possibilities  
Built-in high speed stepping motor  
High-efficiency optical system  
Sound-to-light sensitivity control with animated patterns  
5 channel DMX operation / XLR DMX in and out  
10 point dip switches  
Tough all metal chassis with adjustable hanging bracket  
Key operated power control  
Rated voltage: 220-240V AC / Rated frequency: 50/60Hz  
Laser wavelength: 100nmW/650nm 1400mW/532nm

www.kam.co.uk

Due to continuous product development, specifications and appearance are subject to change. If this product is ever no longer functional please take to a recycling plant for environmentally friendly disposal.

# Kam DMX Star Cluster 3D

Three dimensional DMX laser effect

## INTRODUCTION

Thank you for purchasing the Kam DMX Star Cluster 3D. To optimise the performance of this product, prior to use, please read these operating instructions carefully to familiarise yourself with the basic operations of this unit. The Kam DMX Star Cluster 3D is ground breaking laser effect that will excite both you and your audiences alike. Please keep these instructions in a safe place for future reference. This unit has been tested in the factory before being shipped to you. There is no assembly required.

## WARNINGS

To prevent or reduce the risk of electrical shock or fire, do not expose this unit to high temperature, rain or moisture.

Laser Class 3B product. National regulations must be adhered to at all steps of installation. (In Germany apply DIN 56912 and BGVH LASER. Note: additional regulations may apply).

Unintended reflections of the laser beam from reflective or metallic surfaces can be dangerous.

Visible and invisible laser light direct beams can damage the human eye, do not look at any laser light directly.

When cleaning the laser aperture, please use a soft cloth.

There are no serviceable parts in the laser please have all servicing and adjustments made by a qualified service engineer

This appliance is to be used by qualified personnel only.

## LASER RADIATION WARNING

This unit uses diode lasers in green and red. This is CLASS 3B laser product. Avoid exposure to eyes. Never open the laser diode box, please refer unit to a qualified engineer for servicing or repairs.

## FEATURES

- Bright red and green laser
- Red Laser: 100mW@650nm / Green laser: 40mW @532nm
- Built-in high speed stepping motor
- High-efficiency optical system
- Compatible with the international standard DMX512 signal
- Revolves through the effect lens to create grid style laser
- Input power: AC 220-240V 50/60Hz
- Power consumption: Max. 30WA
- Operating temperature: 20°C to 35°C
- Storage: -20°C to 80°C (keep in a dry space for indoor use only)

## UNPACKING YOUR NEW KAM PRODUCT

1. Carefully inspect your laser as you unpack it. If any damage is evident, please notify the supplier you purchased the unit from immediately. For safety reasons do not use the unit if any damage has occurred during transportation.

## PACKING LIST

- 1 x laser show system
- 1 x AC plug cord
- 1 x DMX signal cable
- 1 x user instruction manual

## OPERATING INSTRUCTIONS

### REAR PANEL FUNCTIONS

1. Mains on/off switch
2. Safety key switch
3. Mains fused IEC power input (240V)
4. LED display
5. 10 point dip switches
6. Microphone pick up
7. Microphone sensitivity adjustment
8. DMX input
9. DMX output

### LED DISPLAY

The laser has several built in modes, these will be shown in the LED display as:

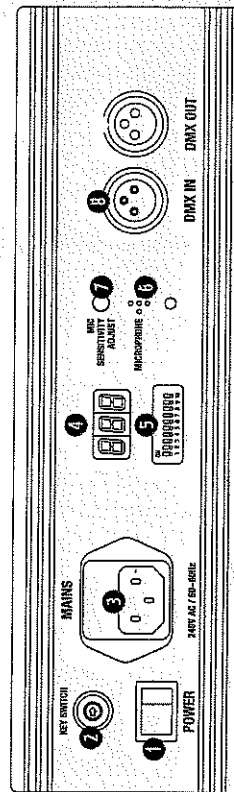
- Sud Sound-to-light mode
- Aut Auto play mode
- Nol Laser off
- 001 DMX512 mode

### DIP SWITCH SETTINGS

- All off Laser off
- 10 on Sound control mode
- 10+1 on Auto play mode
- 10 off DMX controlling mode

### SOUND ACTIVATION MODE

1. Choose a suitable position to install your laser
2. Set the 10th dip switch to the ON position.
3. Connect the power supply.
4. Play some music, whilst setting the sensitivity adjustment to get the best effect. The when the knob is turned to the left, sensitivity is at minimum, turn clockwise to increase the sensitivity.



Kam DMX Star Cluster 3D rear panel